

## CLIMATOLOGICAL DATA

### Average Temperature and Total Precipitation by District, by Month, North Carolina, 2006

DISTRICT	AVERAGE TEMPERATURES												
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
<i>Degrees Fahrenheit</i>													
N. Mountain	39.5	33.6	42.4	55.4	56.6	66.7	70.7	72.1	61.1	50.6	44.9	40.6	52.9
W. Mountain	42.3	37.3	46.4	58.9	60.6	69.0	73.2	74.2	63.7	53.6	46.9	42.8	55.7
N. Piedmont	45.3	40.9	49.8	61.3	63.8	73.3	77.4	78.9	67.6	56.4	50.4	45.8	59.2
C. Piedmont	46.5	42.0	50.4	62.3	64.2	74.0	78.5	79.3	68.7	57.4	51.3	46.7	60.1
S. Piedmont	47.0	43.0	51.6	63.8	65.8	74.9	79.1	79.4	69.9	58.3	52.0	47.7	61.0
N. Coastal	47.8	43.4	49.7	61.4	65.3	74.1	79.1	79.6	70.4	60.7	54.2	49.4	61.3
C. Coastal	49.3	44.0	51.2	63.2	66.8	75.1	79.8	80.0	70.9	61.5	55.4	50.3	62.3
S. Coastal	49.7	44.5	52.1	64.0	67.1	75.2	80.1	80.6	71.6	61.1	54.5	50.3	62.6

  

DISTRICT	PRECIPITATION												
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL TOTAL
<i>Inches of Water</i>													
N. Mountain	4.30	2.04	1.73	5.10	2.76	7.91	4.30	4.42	6.78	3.91	5.30	5.18	53.73
W. Mountain	5.27	2.35	1.78	4.70	2.71	5.37	4.04	5.27	7.39	4.35	4.65	4.18	52.06
N. Piedmont	2.57	1.54	1.16	3.70	2.26	9.01	6.20	3.55	6.10	3.88	6.60	2.43	49.00
C. Piedmont	2.77	1.80	1.40	4.07	2.29	9.27	3.22	4.02	4.95	3.89	7.03	2.72	47.43
S. Piedmont	3.07	1.43	1.44	2.76	1.93	7.92	3.51	6.74	3.63	4.32	6.86	3.02	46.63
N. Coastal	3.24	1.35	1.37	2.97	4.56	9.17	6.77	4.29	8.86	4.18	7.28	2.86	56.90
C. Coastal	3.17	1.76	1.85	3.50	4.03	6.86	4.47	5.74	7.49	4.22	8.01	3.72	54.82
S. Coastal	2.87	2.53	1.23	4.08	3.48	8.00	4.83	5.72	8.40	4.17	8.12	4.51	57.94

SOURCE: National Climate Center, National Oceanic and Atmospheric Administration.

## NORTH CAROLINA 2006 ANNUAL WEATHER AND CLIMATE SUMMARY

January experienced warm temperatures and significant rainfall. By the end of the month, soil moisture levels were rated at 43% surplus. February was dry, and by March, soil moisture levels were down to 4% surplus and 69% adequate. Dry conditions continued throughout March and April. Consistent rainfall began in May, and soil moisture levels were rated at 51% adequate. Tropical Storm Alberto brought large amounts of rain to the Piedmont and Coastal Regions during the week of June 18th. Soil moisture rebounded to 29% surplus. Soybean, sweetpotato, and tobacco plantings were near the normal progress, while small grain harvest was slightly behind normal. In July, crop damage from Tropical Storm Beryl was reported in some coastal counties. August temperatures were above normal, causing heat stress to crops. By the week ending August 6th, soil moisture was rated at 1% surplus and 56% adequate. Corn and soybean progress was ahead of normal. During the week ending September 3rd, a Western cold front was followed by Hurricane Ernesto. Soil moisture increased to 32% surplus and 62% adequate. October temperatures were below normal. Small grain plantings and apple, cotton, soybean, and sweetpotato harvest were near normal. The year ended with heavy rainfall in November and record high temperatures in December.

## TOPSOIL MOISTURE, 2006

